

INDEX

A

Acceptable risk

definition of [13-1](#)

Agricultural Quarantine Inspection Monitoring (AQIM) [1-17](#), [1-18](#)

activities for implementing [2-2](#), [2-3](#)

coordinator, responsibilities of [2-5](#), [2-6](#)

assistant [2-6](#)

how to produce information using [1-18](#)

implications of [1-22](#)

sampling process [1-39](#), [1-40](#), [1-41](#), [1-42](#), [1-44](#), [1-45](#)

statistics and [1-21](#), [1-22](#), [1-23](#), [1-36](#), [1-41](#)

what is [1-17](#)

who is involved in [1-19](#)

Air cargo pathway [4-2](#), [4-3](#)

data analysis for [4-8](#)

data collection and maintenance for [4-6](#)

Epi Info user guide for data

entry [4-7](#)

procedures for sampling and inspecting

commodities [4-5](#)

worksheet [4-6](#)

Air passenger baggage pathway [3-1](#), [3-2](#)

data analysis for [3-3](#), [3-4](#), [7-3](#), [9-2](#), [11-1](#)

data collection and maintenance for [12-1](#)

Epi Info user guide for data

entry [3-2](#), [11-1](#)

sample SOP [D-2](#)

worksheet [3-2](#)

Analysis

definition of [13-1](#)

questions for

air cargo [4-8](#), [4-9](#)

air passenger baggage [3-4](#), [3-5](#), [3-6](#)

mail facility [6-4](#)

maritime cargo [5-10](#), [5-11](#)

Northern border truck cargo [8-8](#)

Northern border vehicles [7-5](#), [7-6](#), [7-7](#)

Southern border truck cargo [10-7](#), [10-8](#)

Southern border vehicles [9-3](#), [9-4](#)

tools for

mail facility [6-4](#)

maritime cargo [5-10](#)

Northern border truck cargo [8-8](#)

types of [1-24](#)

Annual performance plans [1-5](#)

APHIS Trade Risk Analysis Position paper [C-3](#), [C-5](#), [C-6](#), [C-7](#), [C-8](#), [C-9](#)

Application of sanitary and phytosanitary measures
GATT agreement [C-11](#)

Approach rate

definition of [13-1](#)

AQIM

definition of [13-1](#)

Assistant AQIM coordinator

responsibilities of [2-6](#)

B

Bar charts

to display analysis [1-26](#)

Basic kenneling requirements

checklist for [E-3](#)

Budgets

background for implementing GPRA [1-9](#), [1-11](#), [1-13](#), [1-15](#)

C

Cargo

strata for

air cargo [4-2](#)

maritime cargo [5-2](#), [5-3](#)

Northern border truck cargo [8-2](#), [8-3](#)

Southern border truck cargo [10-2](#)

worksheets for

air cargo [4-6](#)

maritime cargo [5-8](#)

Northern border truck cargo [8-7](#)

Southern border truck cargo [10-6](#)

Checklist
to start-up AQIM 2-6

Chief Financial Officers (CFO) Act of 1990 1-7

Collecting and maintaining data for
air cargo 4-6
air passenger baggage 7-3, 8-7, 9-2, 12-1
maritime cargo 5-8

Collecting data consistently for
air cargo 4-3, 4-4
maritime cargo 5-4
Northern border truck cargo 8-3, 8-4, 8-5
Southern border truck cargo 10-3, 10-4

Confidence interval
definition of 1-23, 13-1

Consistency of data collection for
air cargo 4-3, 4-4
maritime cargo 5-4
Northern border truck cargo 8-3, 8-4, 8-5
Southern border truck cargo 10-3

Contacts
AQIM NATIONAL Team B-1

Convenience sampling 1-42

Coordinator, AQIM
assistant 2-6
responsibilities of 2-5
responsibilities of 2-5

D

Data 1-23
definition of 13-1

Data analysis
for air cargo 4-7, 4-8, 4-9
for air passenger baggage 3-3, 3-4, 7-3, 9-2
for mail facility 6-4
for Northern border
truck cargo 8-8
vehicles 7-4, 7-5, 7-6, 7-7
for Southern border
truck cargo 10-6, 10-7, 10-8
vehicles 9-3, 9-4

Data collection and maintenance for
air cargo 4-6
air passenger baggage 7-3, 8-7, 9-2, 12-1
maritime cargo 5-8
Southern border
truck cargo 10-2, 10-4

Data collection, consistency of
for air cargo 4-3, 4-4

for maritime cargo 5-4
for Southern border vehicles 10-3, 10-4

Data entry
Epi Info user guide for
air cargo 4-7
air passenger baggage 3-2, 11-1
maritime cargo 5-8, 6-2, 10-6

Data entry worksheet for
air cargo 4-6
mail facility 6-2
maritime cargo 5-8
Northern border
truck cargo 8-7
vehicles 7-3
Southern border
truck cargo 10-6
vehicles 9-1

Decision-making
definition of 13-1

Detection
sampling for 1-39

Documents related to the Handbook 1-4

E

Epi Info
what is 1-45

Epi Info user guide for data entry
air cargo 4-7
mail facility 6-2

External environment 1-10

F

Federal management reform 1-6

Frequencies
as a type of analysis 1-25

G

General Agreement on Tariffs and Trade
(GATT) 1-29
Article 5 C-11

Government Performance and Results Act of

1993 [1-4](#), [1-5](#)
introduction of [1-5](#), [1-7](#), [1-17](#)

H

Handbook
purpose of [1-2](#)
related documents to the [1-4](#)
scope of [1-2](#)
users of [1-4](#)

Haphazard sampling [1-42](#)

Hazard
definition of [13-1](#)

Hypergeometric table for random sampling
air cargo [4-4](#)
maritime cargo [5-5](#)
Southern border truck cargo [10-4](#)

I

Implementing AQIM
activities for [2-2](#), [2-3](#)

Incentives
creating [1-14](#)

Information
sampling for [1-39](#)

Information versus detection
as types of sampling [1-39](#), [1-40](#)

Inspection procedures, a summary of
air cargo [4-5](#)
maritime cargo [5-6](#)

Integrate management reforms [1-15](#)

Internal forces [1-10](#)

K

Kennels
basic requirements for
checklist for [E-3](#)

Key contacts [B-1](#)

L

Legislative requirements [1-7](#)

List of key contacts [B-1](#), [B-4](#)

Listing of data
as a type of analysis [1-24](#)

M

Mail facility
data analysis [6-4](#)
Epi Info user guide for
data entry [6-2](#)
worksheet [6-2](#)

Maritime cargo pathway
cargo strata for [5-2](#), [5-3](#)
data analysis for [5-9](#), [5-10](#), [5-11](#)
data collection and maintenance for [5-8](#)
Epi Info user guide for
data entry [5-8](#), [6-2](#), [10-6](#)
procedures summary [5-6](#)
sample SOP [D-3](#), [D-5](#), [D-6](#)
sampling universe for [5-1](#)
unit of sampling [5-3](#)
worksheets for [5-8](#)
Strata 1. Reefer data [5-8](#)
Strata 2. Non-refrigerated data [5-8](#)

Mean
definition of [1-23](#), [13-1](#)

Means [1-26](#)

Measuring performance [1-11](#)

Mission statement [1-9](#)

Mitigation
definition of [13-2](#)

Monitoring
definition of [13-2](#)

N

NAFTA [1-29](#)

National Team, AQIM [B-1](#)

Negligible risk
definition of [13-2](#)

North American Free Trade Agreement (NAFTA) [1-29](#)

Northern border truck cargo pathway

cargo strata for [8-2](#)
 data analysis for [8-8](#)
 procedures summary [8-5](#)
 sampling universe [8-1](#), [8-2](#)
 unit of sampling [8-3](#)
 worksheet [8-7](#)

Northern border vehicles

data analysis [7-4](#), [7-5](#), [7-6](#), [7-7](#)
 passenger vehicle universe [7-2](#)
 pest interception procedures [7-3](#)
 sample SOP [D-7](#)
 survey guidelines [7-1](#)
 worksheet [7-3](#)

to display analysis [1-26](#)

Predeparture Air Passenger pathway [11-1](#)

Probability

definition of [1-23](#), [13-2](#)

Procedures for sampling and inspecting

air cargo [4-5](#)
 maritime cargo [5-6](#), [5-7](#)
 Northern border truck cargo [8-5](#)
 Southern border truck cargo [10-5](#)

Proportions

definition of [13-2](#)

Purpose of the Handbook [1-2](#)

P

Passenger vehicle universe

Northern border vehicles [7-2](#)

Pathway

air cargo [4-1](#), [4-2](#)
 air passenger baggage [3-1](#), [3-2](#), [3-6](#)
 mail facility [6-1](#), [6-2](#)
 maritime cargo [5-1](#), [5-2](#)
 Northern border
 truck cargo [8-1](#), [8-2](#)
 vehicles [7-1](#)
 Predeparture Air Passage [11-1](#)
 Southern border
 truck cargo [10-2](#)
 vehicles [9-1](#)

Pathways [1-45](#)

Performance

gaps
 identifying [1-13](#)
 information
 how to use [1-14](#)
 plans
 background for implementing GPRA [1-9](#), [1-11](#)

Permits and Risk Assessments (as users) [1-4](#)

Pest interception procedures

Northern border
 vehicles [7-3](#)

Pest risk assessment

definition of [13-2](#)
 model [1-31](#)

Pest risk management

definition of [13-2](#)

Pie chart

Q

QMI

definition of [13-2](#)

Quarantine security

definition of [13-2](#)

Questions for data analysis for

air cargo [4-8](#), [4-9](#)
 air passenger baggage [3-4](#), [3-5](#), [3-6](#)
 mail facility [6-4](#)
 maritime cargo
 [5-10](#), [5-11](#)
 Northern border truck cargo [8-8](#)
 Northern border vehicles [7-5](#), [7-6](#)
 Southern border truck cargo [10-7](#), [10-8](#)
 Southern border vehicles [9-3](#), [9-4](#)

R

Random sampling [1-41](#), [1-44](#), [1-45](#)

contrasted to other APHIS sampling
 processes [1-42](#)
 definition of [13-2](#)
 hypergeometric table for
 air cargo [4-4](#)
 maritime cargo [5-5](#)
 Northern border truck cargo [8-4](#)
 Southern border truck cargo [10-4](#)
 statistical criteria for [1-42](#)

Random selection [1-22](#)

Reports

background for implementing GPRA [1-5](#), [1-9](#)

Results-oriented environment [1-6](#)

-
- Risk**
 basics of 1-29
 definition of 13-2
- Risk analysis** 1-17
 as a process 1-30
 description of 1-30, 1-32
 model of 1-30, 1-31
 pest risk assessment model 1-31
 definition of 13-2
 fundamentals of 1-29, 1-31, 1-33, 1-35
 outcome of 1-36
- Risk assessment**
 definition of 13-2
 model 1-31
- Risk based decision making**
 what is 1-18
- Risk communication**
 definition of 13-2
- Risk management** 1-32
 automated data sources for 1-35
 composition of 1-35
 definition of 13-3
 implementation
 definition of 13-3
 recommendations
 definition of 13-3
 role of 1-35
 skill of 1-35
 structure of 1-35
 teams 1-35
-
- S**
- Safety**
 definition of 13-3
 Northern border
 vehicles 7-3
- Sample**
 definition of 1-23, 13-3
- Sample size**
 air cargo 4-1, 4-5
 maritime cargo 5-6, 8-6
- Sample SOP's**
 air passenger baggage D-2
 maritime cargo D-3, D-5, D-6
 Northern border vehicles D-7
- Sampling**
 an introduction to 1-41
 commodities
 procedures for air cargo 4-5
 procedures for maritime cargo 5-6, 8-6
- Sampling procedures, a summary of**
 air cargo 4-5
 maritime cargo 5-6
- Sampling process**
 air cargo 4-1, 4-2
 maritime cargo 5-2
- Sampling process for AQIM** 1-39, 1-42, 1-43, 1-45
 contrasted to other APHIS sampling
 processes 1-42, 1-43
 data collection and use 1-45
 information versus detection 1-39, 1-40
 random sampling 1-39, 1-42
 results of 1-39
 sampling, introduction to 1-39
 statistical criteria for random sampling 1-42
- Sampling unit**
 maritime cargo 5-3
 Northern border truck cargo 8-3
 Southern border truck cargo 10-3
- Sampling universe**
 air cargo 4-1
 maritime cargo 5-1
 Northern border truck cargo 8-1
 Southern border truck cargo 10-1
- Scope of the Handbook** 1-2
- Selection criteria (authoritative or intuitive)**
 sampling 1-42
- Selective listing of data**
 as a type of analysis 1-25
- Setting up a sampling process**
 for air cargo 4-3
- Simple Random Sampling**
 definition of 1-24, 13-3
- Southern border truck cargo pathway**
 cargo strata for 10-2
 data analysis for 10-7, 10-8
 procedures summary 10-5
 sampling universe for 10-1, 10-2
 unit of sampling 10-3
 worksheet 10-6
- Southern border vehicles pathway**
 data analysis for 9-3, 9-4
 worksheets 9-1
- Statistical**
 concepts 1-23
 inference 1-22
- Statistics** 1-21, 1-27
- Strata**
 cargo

air cargo [4-2](#)
maritime [5-2, 5-3](#)
Northern border truck cargo [8-2, 8-3](#)
Southern border truck cargo [10-2](#)
definition of [13-3](#)

Strategic

plans
background for implementing GPRA [1-9, 1-10](#)

Strategic plans

goals [1-9](#)

Stratifying the sample for

air cargo [4-2](#)
maritime cargo [5-2](#)
Northern border truck cargo [8-3](#)
Southern border truck cargo [10-1, 10-2](#)

Survey guidelines for

Northern border
vehicles [7-1](#)

Survey results

air passenger baggage [3-3](#)
how to use them
air cargo [4-7](#)
Northern border
vehicles [7-4](#)
Southern border
truck cargo [10-6](#)
vehicles [9-2, 9-3](#)
maritime cargo [5-9](#)

T

The Chief Financial Officers (CFO) Act of 1990 [1-7](#)

Trade articles [C-1, C-3, C-5, C-6, C-7, C-8, C-9, C-11](#)

Trade Risk Analysis Position [C-3, C-5, C-6, C-7, C-8, C-9](#)

U

Unit of sampling for

maritime cargo [5-3](#)
Northern border truck cargo [8-3](#)
Southern border truck cargo [10-3](#)

Universe for, sampling

maritime cargo [5-1](#)

Unrestricted risk estimate

definition of [13-3](#)

User guide for entering data into Epi Info for

air cargo [4-7](#)
air passenger baggage [3-2, 11-1](#)

Users of the Handbook [1-4](#)

V

Variable

definition of [1-24, 13-3](#)

Veterinary Services (as users) [1-4](#)

W

WADS

definition of [13-3](#)

What is covered (scope of the Handbook) [1-2](#)

Work location [B-3, B-4](#)

Worksheets for

air cargo [4-6](#)
air passenger baggage [3-2](#)
mail facility [6-2](#)
maritime cargo [5-8](#)
Strata 1. Reefer data [5-8](#)
Strata 2. Non-refrigerated data [5-8](#)
Northern border
truck cargo [8-7](#)
vehicles [7-3](#)
Southern border
truck cargo [10-6](#)
vehicles [9-1](#)